

Algebra 2
Mrs. Britton
Polynomials – Long Division

Name: _____

Date: _____

Divide. ****SHOW ALL YOUR WORK****

1. $(x^3 + 5x^2 + x - 10) \div (x + 2)$

2. $(3x^3 - 2x^2 - 26x - 24) \div (3x + 4)$

3. $(2x^3 - 17x^2 + 25x - 28) \div (x - 7)$

4. $(x^3 - 7x^2 + 6x + 8) \div (x - 2)$

5. $(x^2 + 15x + 50) \div (x + 5)$

6. $(x^3 + 3) \div (x - 1)$
